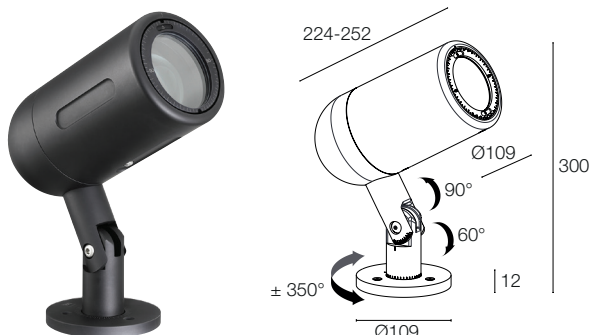
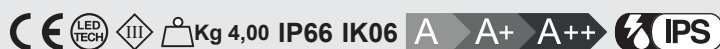




Akro 1.0

Projectors / Proiettori



Akro 1.0

DESCRIPTION

Projector for indoor and outdoor applications; surface mounted (ceiling, wall, floor, pole); body in anodized aluminium alloy EN AW 6082, screen in tempered extra-clear glass; finishes: anodized black; 1 COB power LED High Intensity; 37W - max 1050mA; power supply unit not included; includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; lumen output at source: 3260 lm (3000K, CRI 80), 2610 lm (CRI 90); optics: 13° — 32°, 16° — 42°, 13°x57° ÷ 29°x70° (with elliptical filter), 16° ÷ 33° (with diffuse filter), 19° ÷ 41° (with diffuse filter); LED colour: white - 2700K, 3000K, 4000K; ingress protection: IP66; impact resistance: IK06; operating temperature: from -20 °C to +45 °C; max luminaire temperature: 55°C (Ta 25°C); Glow wire test: 960°; photobiological safety: risk group 1 in accordance with EN62471:2006; appliance class: III; weight 4,00 kg; dimensions Ø109x237 mm; accessories: spike WP0300, honeycomb louvre WH0506, dichroic red filter WR0001, dichroic green filter WR0002, dichroic bleu filter WR0003, dichroic orange filter WR0004, diffuser filter WR0010, elliptical filter WR0020, variation towards warm white light filter WR0030, Variation towards cold white light filter WR0031, mock-up cartridge WR0100, accessory for extracting IP66 cartridge WE0300, standard snoot WB1101N, asymmetrical snoot WB1102N, barn doors WB1103N, arm for pole mounting WP1005N; spare parts: accessory for positioning filters WE0301.

DESCRIZIONE

Proiettore da interno ed esterno; su superficie (soffitto, parete, pavimento, palo); corpo in lega di alluminio anodizzato lega EN AW 6082, schermo in vetro extrachiaro temprato; finiture: nero anodizzato; 1 COB power LED High Intensity; 37W - max 1050mA; alimentatore non incluso; incluso cavo in neoprene di 5 m H05RN-F 2x0,35/0,75 Ø6,3 mm; flusso sorgente: 3260 lm (3000K, CRI 80), 2610 lm (CRI 90); ottiche: 13° ÷ 32°, 16° ÷ 42°, 13°x57° ÷ 29°x70° (con filtro ellittico), 16° ÷ 33° (con filtro diffuso), 19° ÷ 41° (con filtro diffuso); colore LED: bianco - 2700K, 3000K, 4000K; grado di protezione: IP66; grado di resistenza: IK06; temperatura di esercizio: da -20 °C a +45 °C; temperatura max apparecchio: 55°C (Ta 25°C); Glow wire test: 960°; sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento III; peso 4,00 kg; dimensioni Ø109x237 mm; accessori: picchetto WP0300, nido d'ape WH0506, filtro dicroico rosso WR0001, filtro dicroico verde WR0002, filtro dicroico blu WR0003, filtro dicroico arancione WR0004, filtro diffusore WR0010, filtro ellittico WR0020, filtro variazione verso luce bianca calda WR0030, filtro variazione verso luce bianca fredda WR0031, cartuccia mockup WR0100, accessorio per estrazione cartuccia IP66 WE0300, cannocchiale standard WB1101N, cannocchiale asimmetrico WB1102N, alette frangiluce WB1103N, braccio per attacco a palo WP1005N; ricambi: accessorio per posizionamento filtri WE0301.

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Le informazioni contenute nel presente documento possono essere modificate in qualsiasi momento senza preavviso e non comportano l'assunzione, nemmeno implicita, di alcuna obbligazione da parte della L&L Luce&Light srl.

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	37W
Power supply <i>Alimentazione</i>	max 1050mA
Power supply unit <i>Alimentatore</i>	not included <i>non incluso</i>
Dimming <i>Dimmerazione</i>	with dimmable driver (optional) or dimmer (optional) <i>con alimentatore dimmerabile (opzionale) o dimmer (opzionale)</i>
Connection <i>Collegamento</i>	series <i>serie</i>

LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

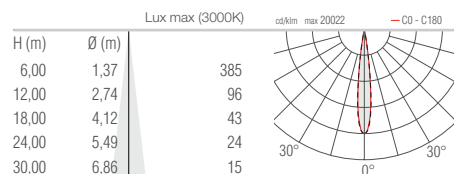
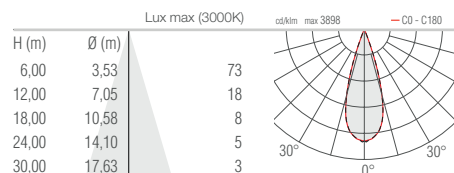
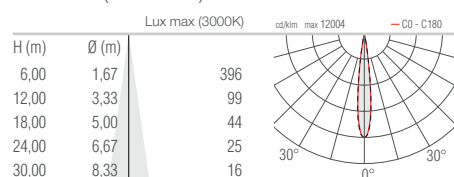
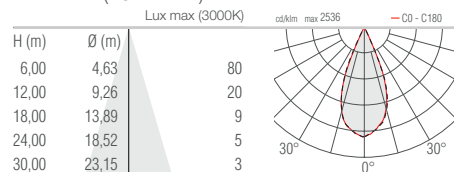
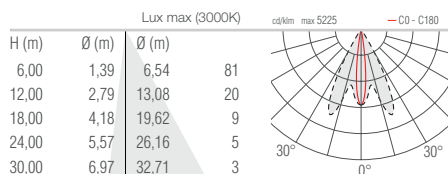
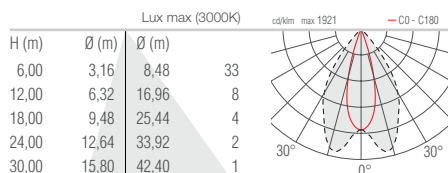
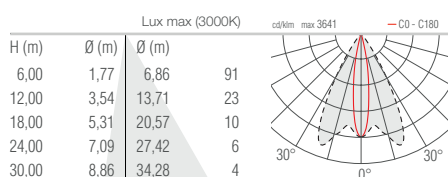
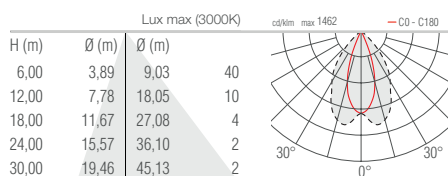
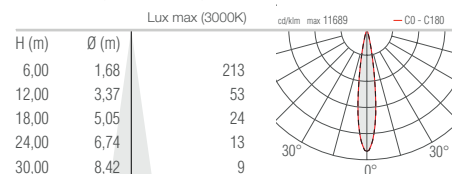
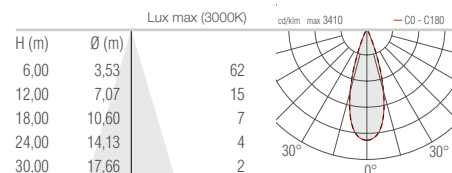
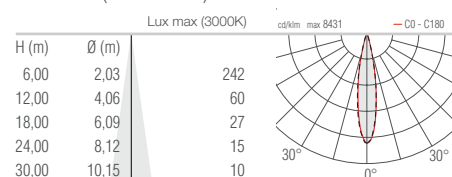
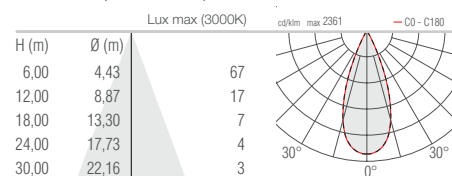
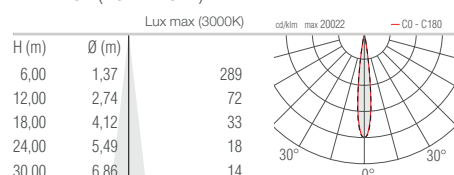
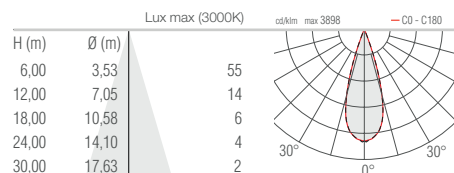
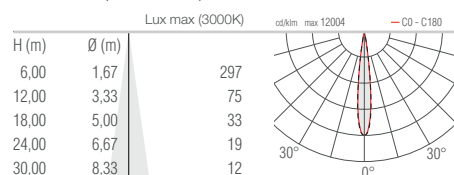
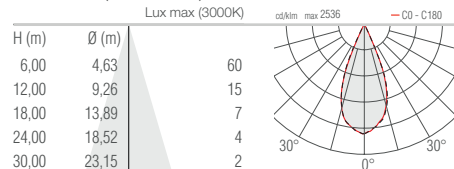
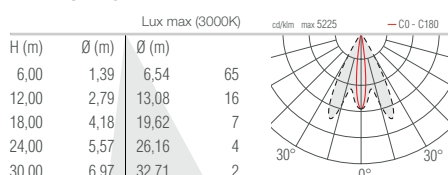
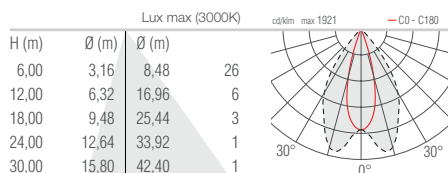
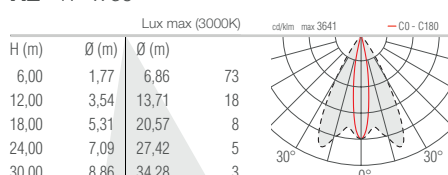
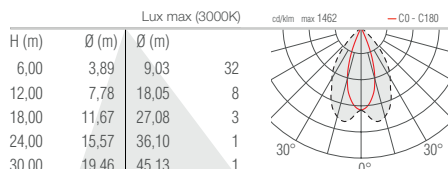
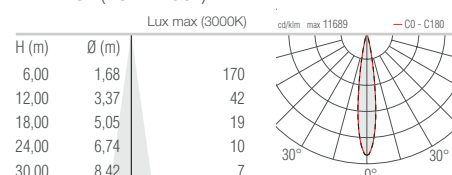
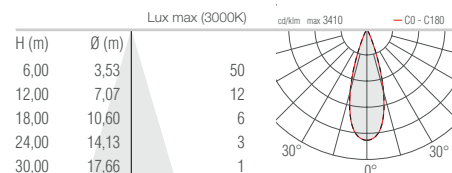
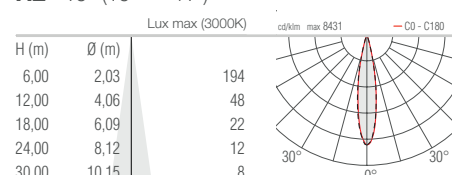
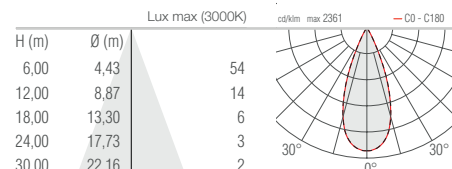
No. and type of LED / <i>N° e tipo di LED</i>	1 COB power LED High Intensity
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K <i>bianco: 2700K, 3000K, 4000K</i>
CRI <i>Indice resa cromatica CRI</i>	80, 90
Binning <i>Selezione</i>	2 Step MacAdam
Optics <i>Ottiche</i>	13° — 32°, 16° — 42°, 13° x 57° — 29° x 70° (with elliptical filter / <i>con filtro ellittico</i>), 16° — 33° (with diffuse filter / <i>con filtro diffuso</i>), 19° — 41° (with diffuse filter / <i>con filtro diffuso</i>)
Lumen output at source <i>Flusso sorgente</i>	3260 lm (3000K, CRI 80), 2610 lm (3000K, CRI 90)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

Dimensions / <i>Dimensioni</i>	Ø109x237 mm
Weight / <i>Peso</i>	4,00 kg
Finishes <i>Finiture</i>	anodized black <i>nero anodizzato</i>
Installation <i>Fissaggio</i>	with screws and plugs <i>con viti e tasselli</i>
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6082 <i>lega di alluminio anodizzato EN AW 6082</i>
Screen material <i>Materiale schermo</i>	tempered extra-clear glass <i>vetro extrachiaro temprato</i>

GENERAL FEATURES / CARATTERISTICHE GENERALI

Operating temperature / <i>Temperatura di esercizio</i>	from -20 °C to +45 °C
Ingress protection / <i>Grado di protezione</i>	IP66
Impact resistance / <i>Grado di resistenza</i>	IK06
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) in accordance with EU 874/2012 <i>A/A+/A++ (modulo LED integrato) in accordo con UE 874/2012</i>
Glow wire test / <i>Glow wire test</i>	960°
Max luminaire temperature <i>Temperatura max apparecchio</i>	55°C (Ta 25°C)
Insulation class / <i>Classe isolamento</i>	class III
Walkover / <i>Calpestabile</i>	no
Drive-over / <i>Carrabile</i>	no
Power cables <i>Cavi di alimentazione</i>	includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm <i>incluso cavo in neoprene di 5 m H05RN-F 2x0,35/0,75 Ø6,3 mm</i>
Standard safety <i>Sicurezza standard</i>	IPS included (corrugated pipe Ø20 min) <i>IPS incluso (utilizzare corrugato Ø20 min)</i>
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 <i>gruppo rischio 1 secondo EN62471:2006</i>

PHOTOMETRIC DATA (CRI ≥ 80)
DATI FOTOMETRICI (CRI ≥ 80)
R1 - 13° (13° — 32°)**R1 - 32° (13° — 32°)****R2 - 16° (16° — 42°)****R2 - 42° (16° — 42°)****R1 - 13° x 57°****R1 - 29° x 70°****R2 - 17° x 59°****R2 - 36° x 74°****R1 - 16° (16° — 33°)****R1 - 33° (16° — 33°)****R2 - 19° (19° — 42°)****R2 - 42° (19° — 42°)**
PHOTOMETRIC DATA (CRI ≥ 90)
DATI FOTOMETRICI (CRI ≥ 90)
R1 - 13° (13° — 32°)**R1 - 32° (13° — 32°)****R2 - 16° (16° — 42°)****R2 - 42° (16° — 42°)****R1 - 13° x 57°****R1 - 29° x 70°****R2 - 17° x 59°****R2 - 36° x 74°****R1 - 16° (16° — 33°)****R1 - 33° (16° — 33°)****R2 - 19° (19° — 41°)****R2 - 41° (19° — 41°)**

Anti-glare / Antiabbagliamento



WB1101N - Black / Nero
Standard snoot / Cannocchiale standard

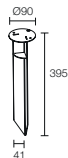


WB1102N - Black / Nero
Asymmetrical snoot / Cannocchiale asimmetrico



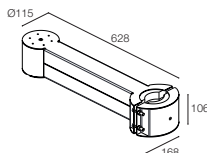
WB1103N - Black / Nero
Barn doors / Alette frangiluce

For installation / Per installazione

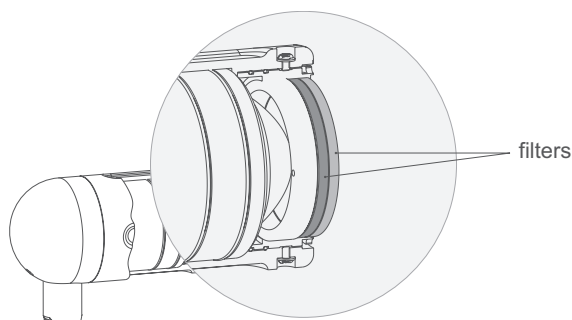


WP0300
Picchetto per installazione a terra /
Spike for installation in the ground

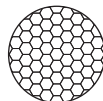
WE0300
Accessory for extracting IP66 cartridge /
Accessorio per estrazione cartuccia IP66



WP1005N - Black / Nero
Arm for pole mounting / Braccio per attacco a palo



Filters / Filtri



WH0506
Honeycomb louvre / Nido d'ape



Colour filter / Filtro colore
WR0001 - Dichroic red filter / Filtro dicroico rosso
WR0002 - Dichroic green filter / Filtro dicroico verde
WR0003 - Dichroic blue filter / Filtro dicroico blu
WR0004 - Dichroic orange filter / Filtro dicroico arancio



Optical filter / Filtro ottico
WR0010 - Diffusion filter / Filtro diffusore
WR0020 - Elliptical filter / Filtro ellittico



Colour temperature conversion filter / Filtro convertitore di temperatura di colore
WR0030 - Variation towards warm white light / Variazione verso luce bianca calda
WR0031 - Variation towards cold white light / Variazione verso luce bianca fredda



WR0100 - Mock-up cartridge / Cartuccia mockup

Spare parts / Ricambi



WR0301 - Accessory for positioning filters / Accessorio per posizionamento filtri

